The Beocom 5000 is a portable cordless handset with keypad and a base unit which has to be connected to the public line or a switchboard. Whenever you make a telephone call, a link is established connecting the handset and base station via a radio channel. The batteries in the handset are recharged when the handset is placed in the base unit.

Handset and base unit adapt to each other in order to prevent anyone using other cordless telephones from listening in to your calls or making calls at your expense.

The BeoCom 5000 is available in two versions: The basic model with many practical facilities, and the advanced model which in addition has a remote control function for volume adjustments on Bang & Olufsen audio, video and A/V systems.

This manual covers both versions.

INSTALLATION

CONNECTION
- Plug the telephone cord into the telephone wall socket.
- Connect the power supply to the mains.
- The cordless telephone is ready for use (stand-by position).

Please note! Your BeoCom 5000 will not function if the mains unit is not plugged in or if the power supply fails.

LOCATION
In order to obtain the best possible radio range place the base unit as high up and isolated as possible. Do not place the telephone in a dusty or dirty room. Do not expose the telephone to excessive moisture and avoid that the charging contacts on the handset come into contact with metallic elements or greasy parts.

BATTERIES
The batteries are used for telephoning only, while the memory is independent of batteries. After unpacking the telephone, the batteries may be discharged. Therefore, it may be necessary to recharge the batteries before using the telephone.

Place the handset in the base unit for charging. Note that the signal lamp of the base unit flashes green when the batteries are being charged. When the lamp lights green the batteries are fully charged.

When you hear slow beeps from the handset you should place it in the base unit for recharging. Quick beeps indicate that the batteries are almost discharged. The charging time for batteries almost discharged is approx. 9 hours.

Fully charged, new batteries have capacity for 24 hours stand-by, or 4 hours talk time. The lifetime of the batteries is enhanced by placing the handset in the base unit only when recharging is necessary; i.e. when you hear the beeps from the handset.

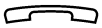
BRIEF MANUAL/DIRECTORY

The brief manual/directory for code numbers may be placed in the groove at the top of the base unit. To release this manual push the button on the left of the base unit.

KEYPAD FUNCTIONS

Each key has various functions:
• The function printed on the key
• The function printed below the key
• The function printed above the key
The texts below the keys relate to telephone functions whereas the texts above the keys relate to volume adjustments on Bang & Olufsen audio, video and A/V systems.

ON/OFF:

SET OFF	Switch off the handset
	Switch on the handset (stand-by)

STAND-BY POSITION (handset switched on):

	Answer/close a call
	Get a new dial tone
	Disconnect/erase current programming

SET OFF	Switch off the handset
SET ENTER	Store a telephone number, and store a public line prefix
SET LOCK	Connect/disconnect the keypad lock
SET TONE	No function
SET PROG	Programming the basic settings
SET SCRAMB	Connect/disconnect the scrambling
SET CLICK	Disconnect/connect the key sound
SET RING HS	Set the tone ringer of the handset
SET PAGING	Internal ringing signal (paging)
SET RING BS	Set the tone ringer of the base unit
⋀ VIDEO	Increase the volume of the video system
⋁ VIDEO	Decrease the volume of the video system
⋀ AUDIO	Increase the volume of the audio system
⋁ AUDIO	Decrease the volume of the audio system

KEYPAD FUNCTIONS DURING TELEPHONING:

0 .. 9, ✳, ⌗	Enter telephone numbers
RDL	Last number redial
MEM 0 .. 9	Call a phone number in memory
R	Flash (switchboard use)
SET SCRAMB	Connect/disconnect the scrambling
SET MIC	Disconnect/connect the microphone
SET PAGING	Internal ringing signal (paging)
SET VOLUME	Set the volume of the handset
SET SET ∧ VIDEO	Increase the volume of the video system
SET SET ∨ VIDEO	Decrease the volume of the video system
SET SET ∧ AUDIO	Increase the volume of the audio system
SET SET ∨ AUDIO	Decrease the volume of the audio system

SIGNAL LAMPS

SIGNAL LAMP OF THE HANDSET

Short green flashes	Handset switched on and ready for use (stand-by)
Short red flashes	Keypad locked
Green light	Connection via radio channels established/scrambling connected
Red light	Connection via radio channels established/scrambling disconnected
Orange light	Alternative keypad function activated
Green flashes	Microphone muted/scrambling connected
Red flashes	Microphone muted/scrambling disconnected
Orange flashes	Volume adjustment on A/V systems
Off	Handset switched off, or batteries low

SIGNAL LAMP OF THE BASE UNIT

Green flashes	Batteries being recharged
Green light	Batteries fully recharged
Red light	Connection via radio channels established

SIGNAL LAMPS

MAKING A CALL

CALLING A NUMBER DIALLED

Press

Wait for the dial tone

Press the phone number

Signal lamp:
Red or green light

CLOSING A CALL

Press *or*
place the handset on the base unit

Short green flashes

REDIALLING

REDIALLING THE LAST NUMBER DIALLED

Press Red or green light

Press **RDL**

The number in redial is deleted
- by entering a new digit.
- when the handset is switched off.
- when the batteries are discharged.
- when the batteries are removed.

VOLUME OF THE HANDSET

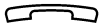
During conversation the volume of the handset can be set to normal or high level.
After conversation, the setting will remain active.

SETTING THE VOLUME DURING CONVERSATION

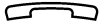
Press **SET** Orange light

Press **VOLUME** Red or green light

INCOMING CALLS

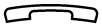
ANSWERING A CALL
The telephone rings
Press 

Signal lamp:
Red or green light

CLOSING A CALL
Press  *or*
place the handset on the base unit

Short green flashes

DIRECT ACCEPTANCE

With the direct acceptance function connected you need not press  to answer a call after lifting the handset off the base unit.

CONNECT DIRECT ACCEPTANCE

Press	**SET**	Orange light
Press	**PROG**	
Press	**902**	
Press	**SET**	Short green flashes

DISCONNECT DIRECT ACCEPTANCE

Press	**SET**	Orange light
Press	**PROG**	
Press	**903**	
Press	**SET**	Short green flashes

THE TELEPHONE'S MEMORY

BeoCom 5000 memorizes 10 telephone numbers which can be stored under the code numbers 0 to 9.

Cancelling entries:
Press and start all over again.

A new entry erases an old one.

If your telephone is connected to a switchboard we recommend you to see the clause SWITCHBOARD before storing.

STORING

Press	**SET**	Signal lamp: Orange light
Press	**ENTER**	
Press	the code number (0-9)	
Press	the phone number	
Press	**SET**	Short green flashes

DIALLING A PHONE NUMBER IN MEMORY

Press		Red or green light
Press	**MEM**	
Press	the code number	

By storing telephone numbers when it is necessary to wait for a new dial tone before calling the 2nd part of the number, only the 1st part of the number will be stored.
When calling, the 2nd part of the number has to be manually dialled after the new dial tone.

A new dial tone may occur by e.g. foreign numbers, telephone services and numbers followed by an extension number.

DELETING A PHONE NUMBER IN MEMORY

Press	**SET**	Orange light
Press	**ENTER**	
Press	the code number	
Press	**SET**	Short green flashes

DELETING ALL PHONE NUMBERS IN MEMORY

Press	**SET**	Orange light
Press	**PROG**	
Press	**251**	
Press	**SET**	Short green flashes

TONE RINGER

You can set the tone ringer of the handset as well as the base unit according to your choice:

In order to facilitate the setting of the tone ringer the level is audible until a new entry is made.

SETTING THE TONE RINGER OF THE HANDSET		
Press	**SET**	Signal lamp: Orange light
Press	**RING HS**	
Press	**1...5** (volume)	
Press	**6...9** (cycle speed)	
Press	**✳, 0, #** (melody)	
Press	**SET**	Short green flashes

SETTING THE TONE RINGER OF THE BASE UNIT

Press	**SET**	Orange light
Press	**RING BS**	
Press	**1...5** (volume)	
Press	**6...9** (cycle speed)	
Press	**✳, 0, ⌗** (melody)	
Press	**SET**	Short green flashes

SCRAMBLING

Your BeoCom 5000 gives you the possibility of scrambling the voice communication on the radio link between the handset and the base station. This makes it difficult to listen in to the cordless communication with the aid of electronic equipment.
The scrambling function may be connected/disconnected before a call as well as during a call.

Please note! Activating the scrambling function may result in slight degradation of the handset reception quality.

CONNECTING/DISCONNECTING THE SCRAMBLING

		Signal lamp:
Press	**SET**	Orange light
Press	**SCRAMB**	Short green flashes

The signal lamps during telephoning:

Scrambling connected	Green light
Scrambling disconnected	Red light

KEY LOCK

You can lock the keypad so that unintentional key entries have no effect. This is useful when you, for example, are carrying the phone in a pocket or a handbag.
It is still possible to answer a call, however, making calls is not possible until you have unlocked the keypad again.

LOCKING THE KEYPAD	
Press **SET**	Orange light
Press **LOCK**	Short red flashes
UNLOCKING THE KEYPAD	
Press **SET**	Orange light
Press **LOCK**	Short green flashes

MICROPHONE

The microphone can be muted temporarily so that you can make an aside to somebody else in the room without the person at the other end hearing you.

MUTING THE MICROPHONE	Signal lamp:
Press **SET**	Orange light
Press **MIC**	Red or green flashes
CONNECTING THE MICROPHONE	
Press **SET**	Orange light
Press **MIC**	Red or green light

KEY SOUND

If you do not want every keypress to be heard you may disconnect this function.

Independent of the key sound setting, incorrect or incomplete entries will activate an acoustic error signal.

DISCONNECTING/CONNECTING THE KEY SOUND	
The telephone is stand-by	Short green flashes
Press **SET**	Orange light
Press **CLICK**	Short green flashes

INTERNAL RINGING SIGNAL
(PAGING)

You can transmit an internal acoustic signal from the base unit to the handset:

PAGING FROM BASE UNIT TO HANDSET
Press the button at the front of the base unit.

Signal lamp:

Red light

Furthermore, you can transmit an internal acoustic signal from the handset to the base unit:

PAGING FROM HANDSET TO BASE UNIT
Press **SET**
Press **PAGING**

Orange light
Red or green light

BeoCom 5000 works as a traditional telephone subset in parallel. This allows for transfer of calls or conferencing.

MICROPHONE KEY SOUND INTERNAL RINGING SIGNAL

HANDSET ON/OFF

If you do not want to be disturbed by incoming calls you may switch off the handset.

When the handset is switched off it is impossible to make any telephoning or volume adjustments on A/V systems.

Please note! The tone ringer of the base unit is still active.

SWITCHING OFF THE HANDSET
Press **SET**
Press **OFF**

Signal lamp:
Orange light
Off

When the handset has been switched off as described above you have to switch it on again:

Please note! The handset is always switched on when it is placed in the base unit.

SWITCHING ON THE HANDSET
Press

One orange flash followed by short green flashes

VOLUME ADJUSTMENT

With BeoCom 5000 you are able to remote control the volume adjustments on all recent Bang & Olufsen audio, video and A/V systems. The operation depends on the state of the telephone: stand-by or during telephoning.

Volume adjustments on A/V equipment with BeoCom 5000 in stand-by position (handset switched on):

VOLUME ADJUSTMENTS IN STAND-BY POSITION

Press	∧ **VIDEO** *or*	Signal lamp: Orange flashes
Press	∨ **VIDEO** *or*	Orange flashes
Press	∧ **AUDIO** *or*	Orange flashes
Press	∨ **AUDIO**	Orange flashes

Volume adjustments on A/V equipment with Beocom 5000 during telephoning:

Please note! During volume adjustments the keypad sound will always be disconnected.
The keypad returns to telephoning functions after about 20 seconds or when **SET** has been pressed.

VOLUME ADJUSTMENTS DURING TELEPHONING

Press	**SET SET**	Orange flashes
Press	∧ **VIDEO**	
	or	
Press	**SET SET**	Orange flashes
Press	∨ **VIDEO**	
	or	
Press	**SET SET**	Orange flashes
Press	∧ **AUDIO**	
	or	
Press	**SET SET**	Orange flashes
Press	∨ **AUDIO**	

HANDSET ON/OFF

VOLUME OF A/V SYSTEMS

SWITCHBOARD

If BeoCom 5000 is connected to a switchboard it is often necessary to enter a pause between the public line prefix and the telephone number.

BeoCom 5000 inserts this pause automatically when it is once stored into the telephone together with the public line prefix.

When entering numbers into the memory the public line prefix has to be entered too.

STORING THE PREFIX		Signal lamp:
Press	**SET**	Orange light
Press	**ENTER**	
Press	**RDL**	
Press	**0**	
Press	the prefix	
Press	**SET**	Short green flashes
STORING THE PAUSE		
Press	**SET**	Orange light
Press	**PROG**	
Press	**02**	
Press	the pause required (1 .. 9 seconds or 0 = unlimited wait for dial tone)	
Press	**SET**	Red or green light for 5 sec. followed by short green flashes

DELETING THE STORED PREFIX

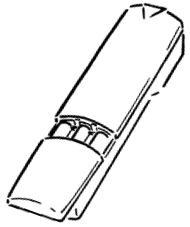
Press	**SET**	Orange light
Press	**PROG**	
Press	**253**	
Press	**SET**	Short green flashes

If the **R**-button is used for recalls subsequent key entries will be stored for redialling.

TROUBLE SHOOTING

Symptoms	Possible cause	Correction
Making a call is not possible.	• The keypad has been locked. • The handset has been switched off. • The batteries need recharging.	• Unlock the keypad. • Switch on the handset. • Place the handset in the base unit for recharging.
No function.	• The telephone cord has not been correctly plugged into the wall socket. • The power supply has not been correctly connected to the mains.	• Check the telephone cord. • Check the power supply cord.
During switchboard: No connection or getting a wrong number when calling a number in memory.	The public line prefix has not been stored.	Store the public line prefix.

BATTERY REPLACEMENT
A new battery pack is available as an option.
The battery cover is replaced by pressing it in and down as shown on the drawing.
New batteries need recharging before use.
The battery cover has to be mounted when the handset is placed in the base unit.



RADIO RANGE

The radio range is up to 300 metres in the open. The range depends on the weather conditions and may vary in case of obstacles between the handset and the base unit. Indoors the range depends on walls of different types and construction. If you move out of range during a call a warning signal is heard in the handset.

CLEANING

Use a soft cloth dipped in water containing a few drops of mild detergent.

DATA

Power output (EIRP)		10 mW		
Power supply	base unit	230 V, 50 Hz mains transformer		
	handset	1 battery pack (NiCd) rated for 24 hours stand-by or 4 hours talktime.		
Ambient temperature		0°C - +55°C		
Relative humidity		15% - 95%		
		Height	Width	Depth
Dimensions	base unit	156 mm	111 mm	131 mm
	handset	170 mm	54 mm	33 mm
Weight	base unit	396 g		
	handset	206 g		

PROGRAMMING CODES

The table below shows all possible programmings. The presettings are marked with a X.

CODE		FUNCTION
250		Delete all stored settings of code 258 and 098 and the tone ringer setting, and returns to the presettings.
251		Delete all phone numbers in memory.
253		Delete the prefix.
258		Delete all phone numbers in memory and the prefix.

CODE		FUNCTION
033		Pulse dialling
036		Multifrequency (DTMF) dialling with earth.
037	x	Multifrequency (DTMF) dialling with flashes
098		Reset all telephony parameters to presetting.

CODE		FUNCTION
020		Unlimited wait for dial tone.
021		Dial tone delay 1 sec.
022		Dial tone delay 2 sec.
023	x	Dial tone delay 3 sec.
up to		
029		Dial tone delay 9 sec.
902		Direct acceptance on.
903	x	Direct acceptance off.

If you enter an incorrect or incomplete code you will hear an acoustic error signal. Press ⌒ and start all over again.

PROGRAMMING		Signal lamp:
Press	**SET**	Orange light
Press	**PROG**	
Press	the programming code	
Press	**SET**	Short green flashes

Dear Customer,

Your needs as the user of our products are always given careful consideration during the design and development process, and we strive to make our products easy and comfortable to operate.

We therefore hope that you will take time to drop us a line, telling us about your experiences with your Bang & Olufsen telephone. Anything which you consider important - positive or negative - may help us in our constant efforts to refine our telephones.
Thank you!

Please write to: *Bang & Olufsen Telecom A/S*
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